

PUBLIC NOTICE

PERMIT APPLICATION: NRS #04.022

APPLICANT: State of Tennessee
Department of Transportation
Environmental Planning and Permits Division
Suite 900, J. K. Polk Bldg.
505 Deaderick Street
Nashville, TN 37243-0334
615/253-2477

LOCATION: State Route 36 from north of SR-381 to South of SR-354
Washington County

WATERSHED DESCRIPTION: The Knob Creek watershed consists of small tributaries and wetlands along the north side of SR-36. Land use is predominantly suburban residential. Knob Creek and its tributaries are primarily silt/sand bottomed and vary in width approximately 1-3 feet wide with 2 – 3 foot banks. The existing vegetation along the stream channel is a narrow riparian area with mature trees, mainly elm, ash, and willow.

PROJECT DESCRIPTION: The applicant proposes to upgrade the existing 2-lane portion of SR-36 from north of SR381 to south of SR354. This would involve the relocation of several tributaries and alteration of existing culvert crossings.

Station 10+291+/- (Rt.) to Sta. 10+515+/- (Lt.): Unnamed tributary to Knob Creek (Sta. 10+291+/- to Sta. 10+360+/-). Existing conditions consist of 203 ft. of open stream plus 20 ft. of corrugated metal pipe under a driveway and 59 ft. of 30" corrugated metal pipe along the northern edge of Mountain View Road. The applicant proposes to relocate 85 ft. of open stream and replace the existing driveway crossing with 39 ft. of 48" reinforced concrete pipe plus replace the existing 30" corrugated pipe with 61 ft. of 36" reinforced concrete pipe exiting the detention pond at Sta. 1+579 (Mountain View Road) and 86 ft. of 36" reinforced concrete pipe crossing Mountain View Road at Sta. 1+579. The relocated stream would pass through a proposed detention pond from Sta. 10+332 to Sta. 10+380 but the channel would be maintained.

Station 10+415+/- (Rt.) to 10+451+/- (Rt.): Wetlands. Permanent impact (filling) of 0.029 ac. and temporary impact to 0.034 ac. of wetlands.

Station 10+434+/- (Rt.) to Sta. 515+/- (Lt.): Unnamed tributary to knob creek. Existing open stream channel is 230 ft. along with an existing 59 ft. of 5 ft. box culvert crossing SR-36 and 69 ft. of 30" corrugated metal pipe crossing White Way Road at Sta. 10+460. The applicant proposes 213 ft. of relocated stream channel (including 85 ft. of riprap and 13 ft. of riprap at the end of pipe); replace the metal pipe with 78 ft. of 5 ft. box culvert crossing White Way Road, and extension of the SR-36 box culvert by 23 ft. at the inlet and 57 ft. at the outlet.

Station 10+342+/- (Rt.) to Sta. 10+372+/- (Rt.): Unnamed tributary to Knob Creek. Existing 111 ft. of open stream would be relocated to 82 ft. of open stream (including 20 ft. of riprap).

Station 10+500+/- (Rt.) to Sta. 10+560+/- (Rt.): Unnamed tributary to Knob Creek. Existing 223 ft. of open stream would be relocated into 180 ft. of open channel.

The applicant proposes to mitigate the permanent impact to wetlands (0.0029 ac.) by debiting, at a 2:1 ratio, 0.06 ac. from available credit at the Shady Valley Wetlands Mitigation Bank. Paying \$21,200 to the Tennessee Wildlife Resources Foundation for the In-lieu Fee Stream Mitigation Bank would mitigate stream impacts (43' @ \$150/ft and 63' at \$200/ft) not mitigated on site. Associated with this project are utility line crossings that have been determined to fall under General Permits. Standard erosion control devices would be used to prevent sediment from entering flowing water. Upon completion of the work, all disturbed areas would be stabilized.

